

Serie ECO 500-**s** GV



ECOSYST technology uses saturated steam and it has been designed not to produce end-of-cycle waste liquids.

Serie ECO 500-**s** **GV** GAS



Main features

Process capacity	Up to 500 kg/h	
Standard system power supply type	400 V; 3P-N-PE; 50 Hz;	(*)
Power supply type Steam generator (G.V.)	Gas	G.V. GAS
Rated electrical power installed	84 kW	
Average electrical power absorbed	30 kW/cycle ±5%	
Maximum consumption of fuel gas at full	0,3 Nm ³ /cycle ±5%	
High resistance shredder type	Four-shaft 44 kW	
Average consumption of steam	2,5 L/cycle ±5%	
Compressed air circuit	6 bar	
Emissions into the atmosphere filter battery	Absence of polluting substances	
Releases to sewer	Not present	
Noise emissions	< 70 dB(A) @ 1m	
Plant dimensions	1170W x 710D x 600H (cm)	
Standard configuration weight	23.000 kg ±5%	

Treatment features

Cycle duration	about 60 min.	
Sterilization chamber volume	1.600 lt.	Complies with 2014/68/UE
Sterilizing agent	Saturated steam	
Temperature / pressure	165°C / 6 bar	
Charge reduction	Not less than 10 ⁻⁶	
Reduction of waste volumes	> 80%	
Reduction of waste weight	> 30%	
Moisture sterilized waste	15%	

Application Notes

Process type	Continuos
Load type	Automatic tipper
Sterilized waste discharge system	Automatic, PLC managed
Control type	PLC - monitor 19"
End-of-cycle report type	Print on receipt
Additional standard services	Remote monitoring and remote management
External appearance	Exposed plant
Plant management	N. 1 operator needed
Operator skills	Training course for plant management

(*) Unless otherwise communicated when ordering, all machines require power supply 3+N/400V/50Hz

Emissions into the atmosphere G.V. METHANE
Emissions into the atmosphere G.V. GPL

NO_x gas ≤ 150 mg / kWh @ 3% of O₂ with T environment = 20 ° C
NO_x gas ≤ 260 mg / kWh @ 3% of O₂ with T environment = 20 ° C

Serie ECO 500-**s** **GV** ELECTRIC



Main features

Process capacity	Up to 500 kg/h	
Standard system power supply type	400 V; 3P-N-PE; 50 Hz;	(*)
Power supply type Steam generator (G.V.)	Electric	G.V. ELECTRIC
Rated electrical power installed	152 kW	
Average electrical power absorbed	60 kW/cycle ±5%	
High resistance shredder type	Four-shaft 44 kW	
Average consumption of steam	2,5 L/cycle ±5%	
Compressed air circuit	6 bar	
Emissions into the atmosphere filter battery	Absence of polluting substances	
Releases to sewer	Not present	
Noise emissions	< 70 dB(A) @ 1m	
Plant dimensions	1170W x 710D x 600H (cm)	
Standard configuration weight	23.000 kg ±5%	

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